

WHAT IS CLAIMED IS:

1. A disk drive comprising:

a disk drive base;

a spindle motor attached to the disk drive base;

a disk supported by the spindle motor;

a head stack assembly coupled to the disk drive base;

the head stack assembly including:

an actuator body;

a coil portion cantilevered from the actuator body;

an actuator arm cantilevered from the actuator body in an opposite
direction from the actuator arm;

a flex circuit cable having an electrical connector end;

a flex bracket for clamping the electrical connector end of the flex circuit
cable to the disk drive base, the flex bracket having first and second ends
being spaced-apart along a width of the disk drive; and

an upper voice coil motor plate and a lower voice coil motor plate, the voice coil
motor plates secured to the disk drive base, one of the voice coil motor
plates having an integrally formed elongated protrusion extending from
the voice coil motor plate for contacting and securing the flex bracket to
the disk drive base, the elongated protrusion extending from the first end
to proximate the second end, wherein the flex bracket is secured to the
disk drive base free of using any fastener.

- 1 2. The disk drive of claim 1, wherein the elongated protrusion extends from the upper voice
2 coil motor plate.
- 1 3. The disk drive of claim 1, wherein the flex bracket includes a pair of location pins and the
2 elongated protrusion includes a pair of holes, each location pin being disposed in a
3 respective hole.
- 1 4. The disk drive of claim 1, wherein the electrical connector end of the flex circuit cable
2 includes a distal flex portion and a metal plate attached to the distal flex portion, the
3 distal flex portion including a ground portion.
- 1 5. The disk drive of claim 4, wherein the ground portion includes a pair of tabs for
2 contacting the disk drive base.